

IN THE CLAIMS

1. (Previously Presented) An isolated polynucleotide; which encodes a protein comprising the amino acid sequence of SEQ ID NO: 2.

2. (Cancelled)

3. (Original) A vector comprising the isolated polynucleotide of Claim 1.

4. (Original) A host cell comprising the isolated polynucleotide of Claim 1.

5. (Previously Presented) The host cell of Claim 4, which is a *Corynebacterium*.

6. (Previously Presented) The host cell of Claim 4, wherein said host cell is selected from the group consisting of *Corynebacterium glutamicum*, *Corynebacterium acetoglutamicum*, *Corynebacterium acetoacidophilum*, *Corynebacterium melassecola*, *Corynebacterium thermoaminogenes*, and *Brevibacterium flavum*.

7.-9. (Cancelled)

10. (Previously Presented) A method for making an OxyR transcriptional regulator protein, comprising:

- a) culturing the host cell of Claim 4 for a duration of time under conditions suitable for expression of an OxyR transcriptional regulator protein; and
- b) collecting the OxyR transcriptional regulator protein.

11. (Previously Presented) An isolated polynucleotide; which comprises nucleotides 491 to 1471 of SEQ ID NO: 1.

12. (Previously Presented) An isolated polynucleotide, which is fully complementary to nucleotides 491 to 1471 of SEQ ID NO: 1.

13.-18. (Cancelled)

19. (Original) A vector comprising the isolated polynucleotide of Claim 11.

20. (Original) A host cell comprising the isolated polynucleotide of Claim 11.

21. (Previously Presented) The host cell of Claim 20, which is a *Corynebacterium*.

22. (Previously Presented) The host cell of Claim 20, wherein said host cell is selected from the group consisting of *Corynebacterium glutamicum*, *Corynebacterium acetoglutamicum*, *Corynebacterium acetoacidophilum*, *Corynebacterium melassecola*, *Corynebacterium thermoaminogenes*, and *Brevibacterium flavum*.

23.-25. (Cancelled)

26. (Previously Presented) A method for making an OxyR transcriptional regulator protein, comprising:

- a) culturing the host cell of Claim 20 for a duration of time under conditions suitable for expression of an OxyR transcriptional regulator protein; and
- b) collecting the OxyR transcriptional regulator protein.

27.-28. (Cancelled)

29. (Original) *Corynebacterium glutamicum* DSM 13457.

30.-39. (Cancelled)

40. (Previously Presented) A method for making an L-amino acid comprising:
culturing in a suitable medium a cell comprising a polynucleotide encoding SEQ ID
NO:2, and

recovering the L-amino acid,

wherein said cell overexpresses said polynucleotide and wherein said overexpression
is achieved by increasing the copy number of said polynucleotide or operably linking to said
polynucleotide a promoter or expression cassette to increase the expression of said
polynucleotide.

41. (Previously Presented) The method of Claim 40, wherein said L-amino acid is L-
lysine.

42. (Previously Presented) The method of Claim 40, wherein said cell is a
Corynebacterium.

43. (Previously Presented) The method of Claim 40, wherein said cell is selected from the group consisting of *Corynebacterium glutamicum*, *Corynebacterium acetoglutamicum*, *Corynebacterium acetoacidophilum*, *Corynebacterium melassecola*, *Corynebacterium thermoaminogenes*, and *Brevibacterium flavum*.

44.-49. (Cancelled)

50. (Currently Amended) A modified *Corynebacterium* ~~*Cornynebacterium*~~ comprising multiple copies of the polynucleotide of Claim 1.

51. (Previously Presented) A modified *Corynebacterium* comprising multiple copies of the polynucleotide of Claim 11.

52. (Previously Presented) A *Corynebacterium* modified to contain a polynucleotide encoding SEQ ID NO:2 under the control of an exogenous promoter or expression cassette, wherein the expression of the gene product of said polynucleotide is increased relative to a corresponding, unmodified *Corynebacterium*.

53. The isolated polynucleotide of Claim 1 which comprises SEQ ID NO: 1.